

Long Range Retro-Reflective Photoelectric Beam

Polarised retro-reflective photoelectric beam

Features

- Long range beam, 10 metres
- Input Voltage 12 - 250V AC/DC
- Polarised retro reflective type
- Polycarbonate casing
- Optional cover for reflector, HD-15
- Rugged design (IP-66)
- LED indicator beam alignment
- Tamper switch



Application

- Sliding Gates, Swing Gates or Garage Doors
- Overhead Doors, Conveyers or Door Entrance
- Boom Gates, Alarm System or Warehouse Monitoring

PE1500

Description

The PE1500 is a polarised ultra sensitive, long range, retro-reflective photoelectric beam. The sensor module uses a modulated beam which stops interference from the. It works with any Elsema type automatic gate or door controller cards used on sliding, swing or roller doors. It is used as a safety device to control automatic gates and doors.

Technical Data

Power Source	12 to 250 Volts AC/DC
Standby	19mA at 24Volts DC
Response Time	10 millisecond
Connection	Plug in type terminal block
Additional feature	Normally closed (NC) Tamper output.
Operating Temperature	-20°C to 60°C
Relay Output	Common, Normally Open or Normally Close: 0.5 Amps / 120VAC
Sensing Range	10 metres. Range will be reduced in bad weather, fog, dust etc.

Accessory

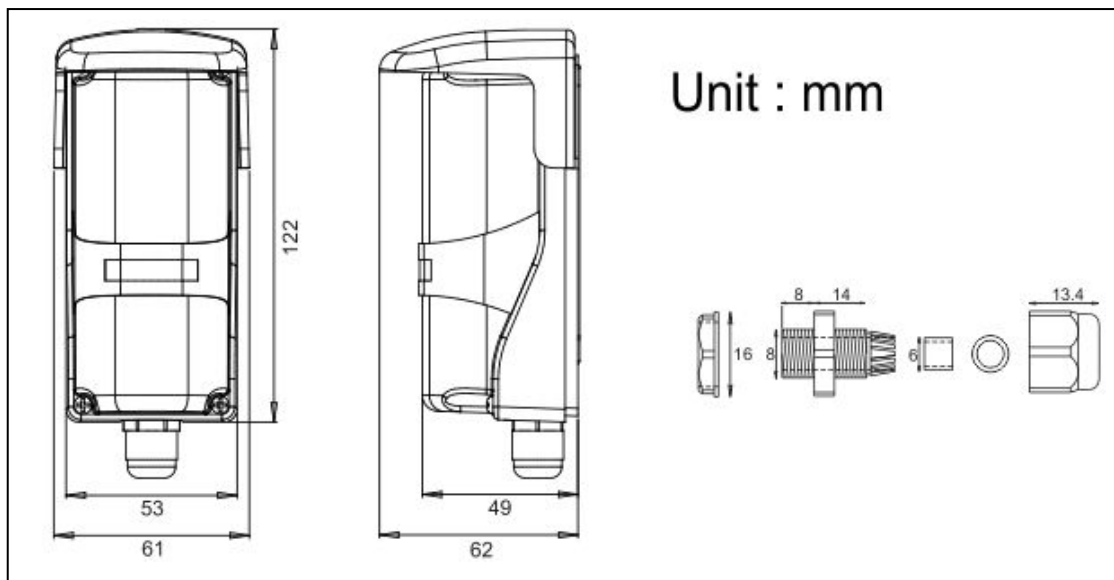


Reflector Hood. Part number **HD-15**. Hood for the reflector is recommended for outdoor installation.

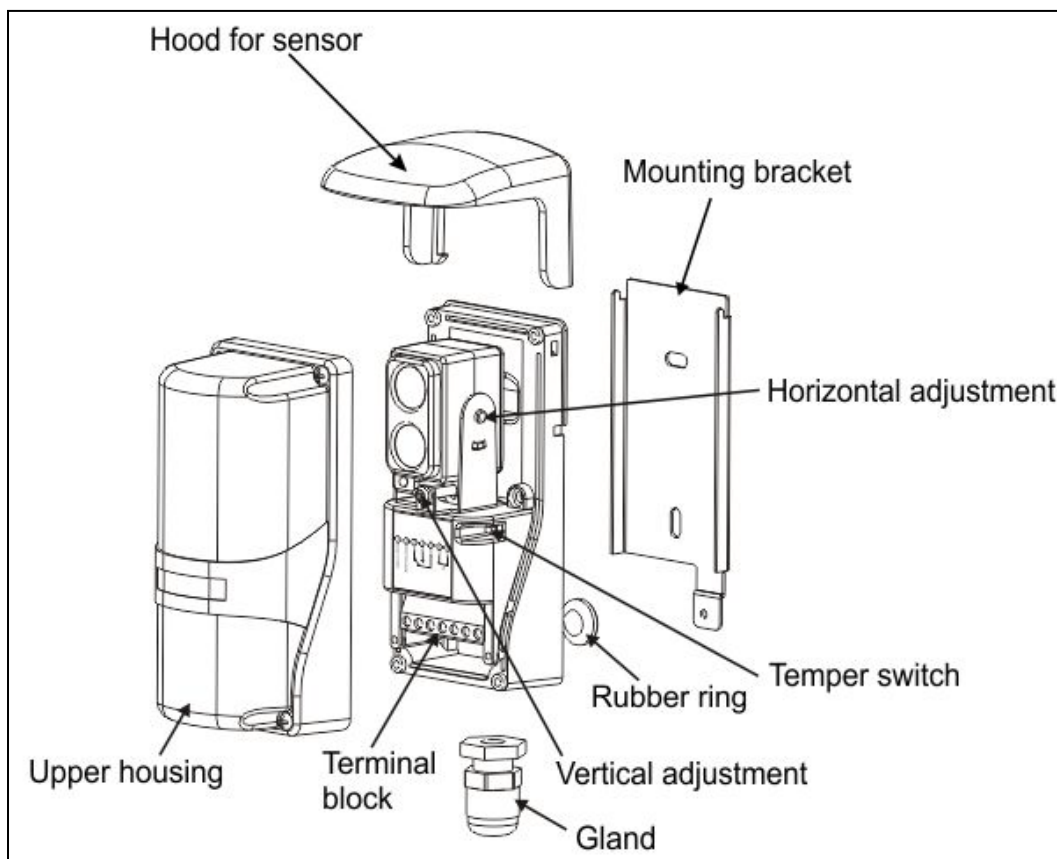
LED Status

LED Status	Red	Green
On	Beam is broken	Beam is properly aligned
Off	Beam is aligned	xx
Flashing	Beam alignment poor	xx

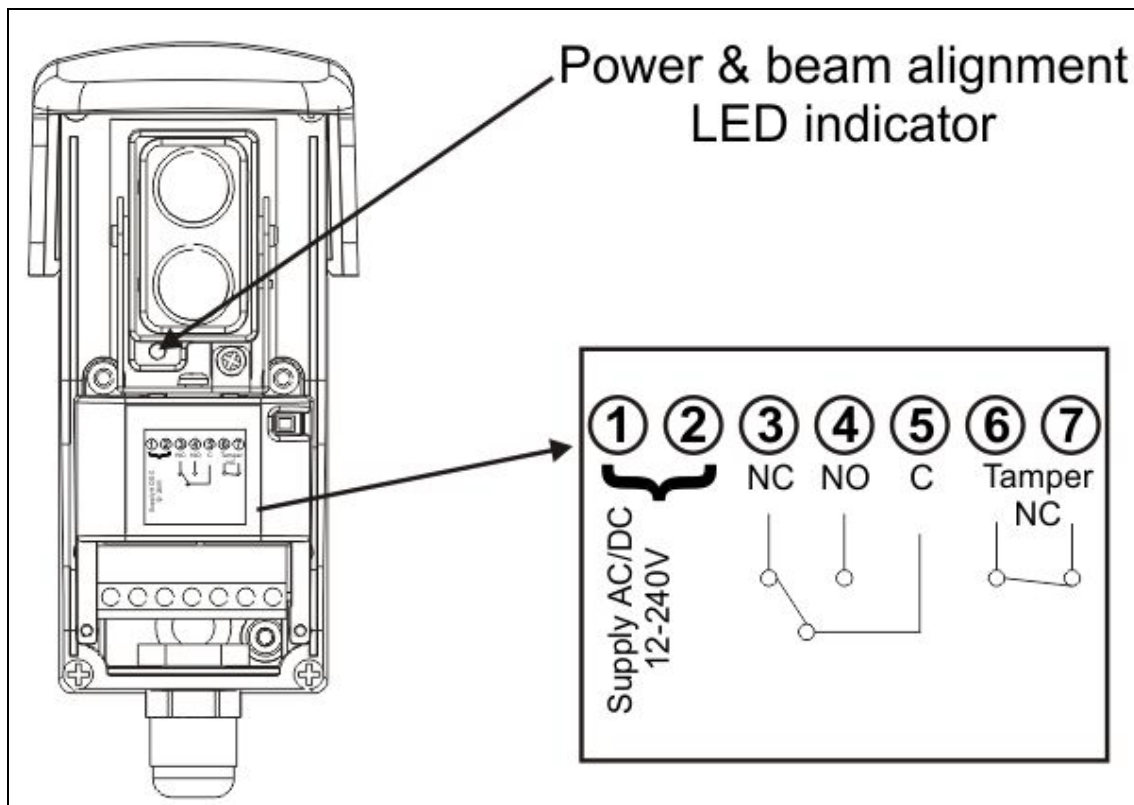
PE1500 Dimensions



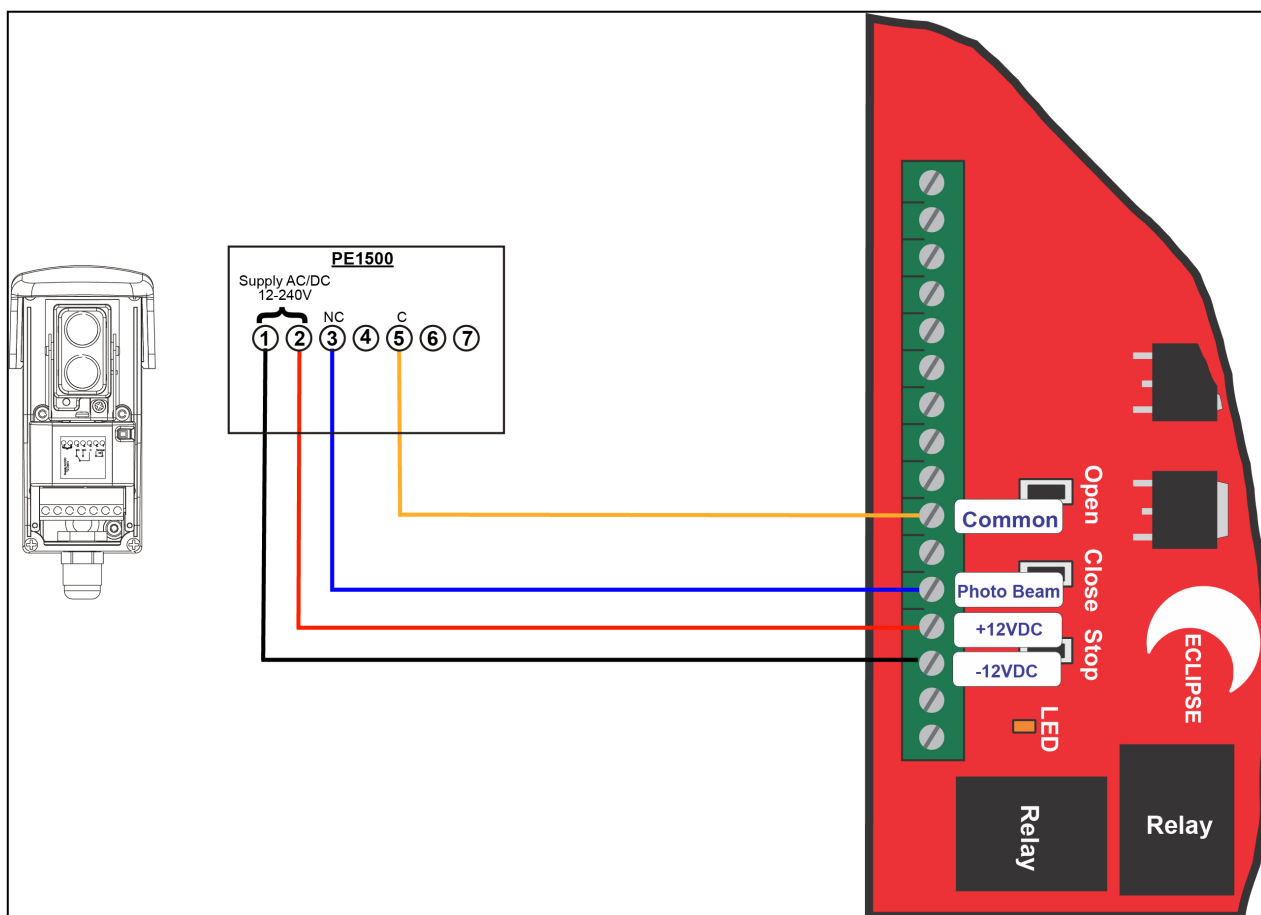
PE1500 parts



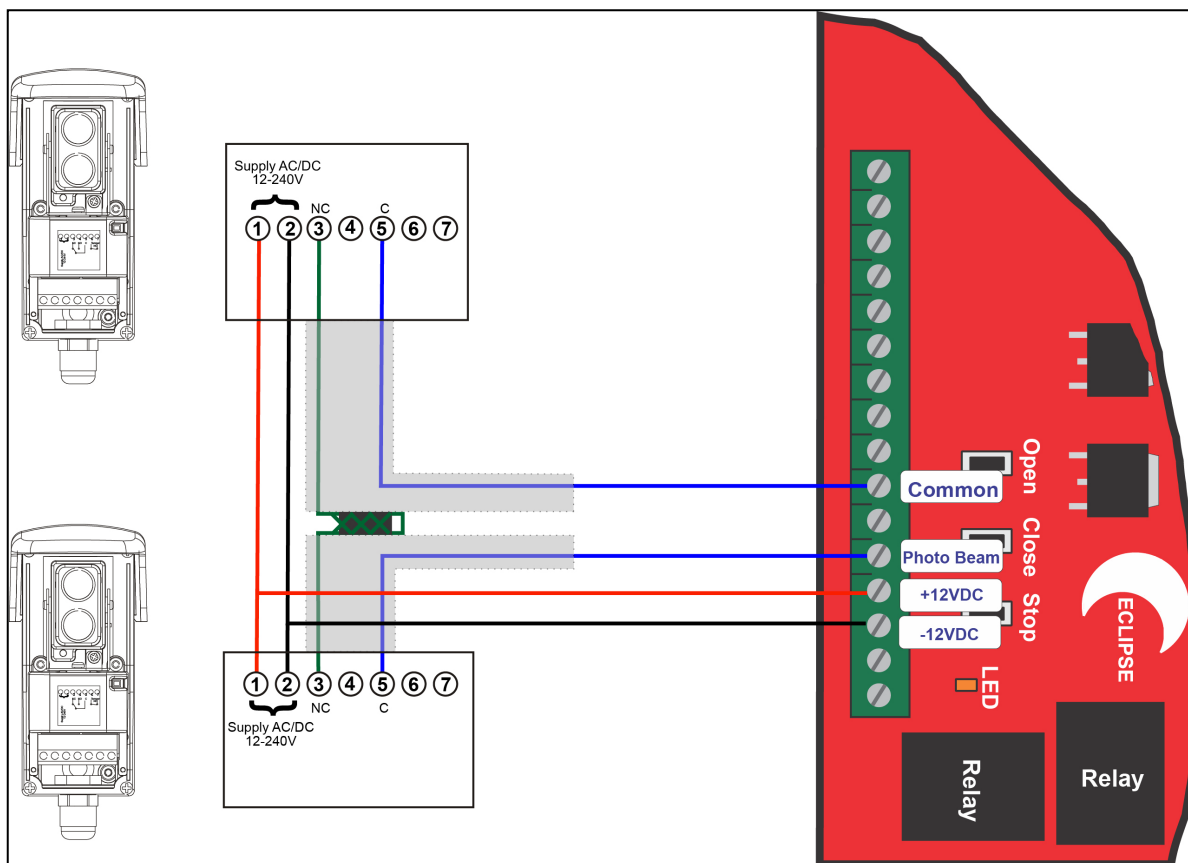
PE1500 Wiring Diagram



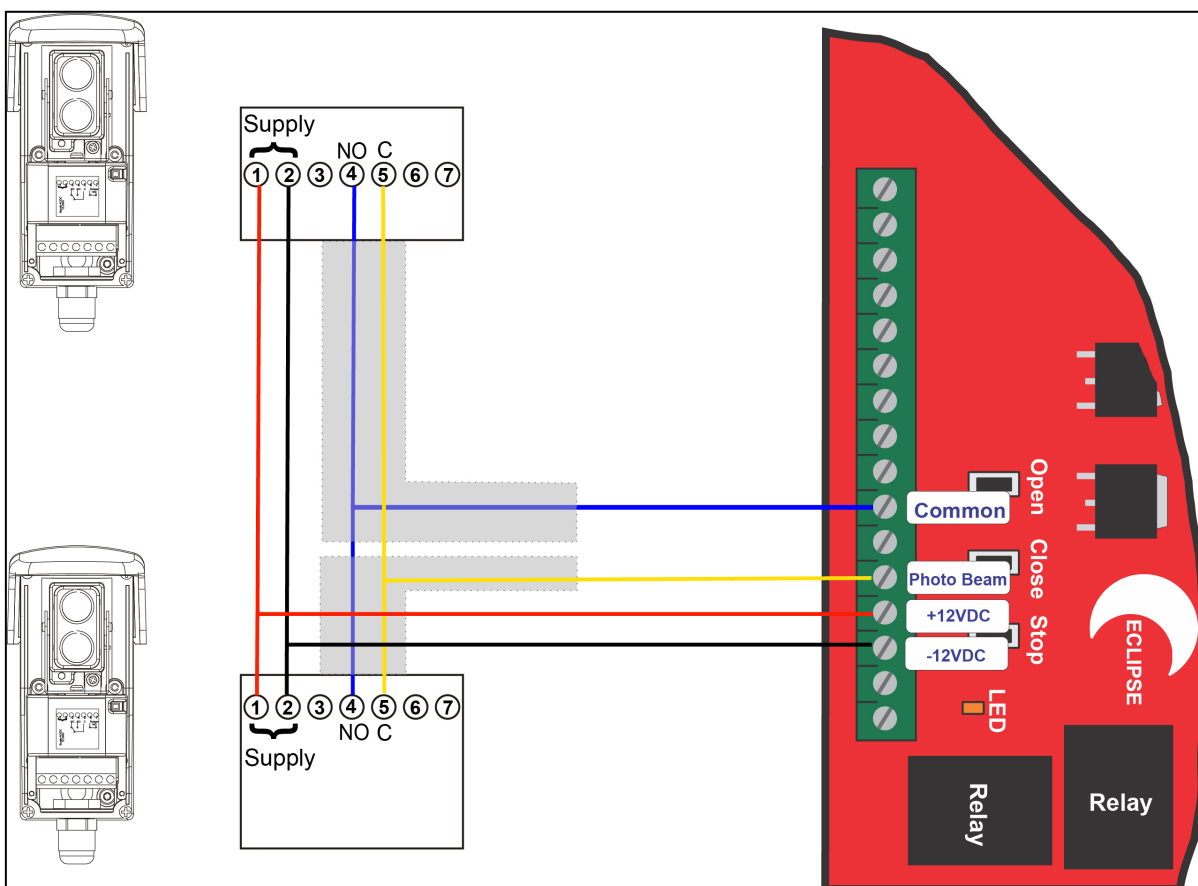
PE1500 Connection to Control cards

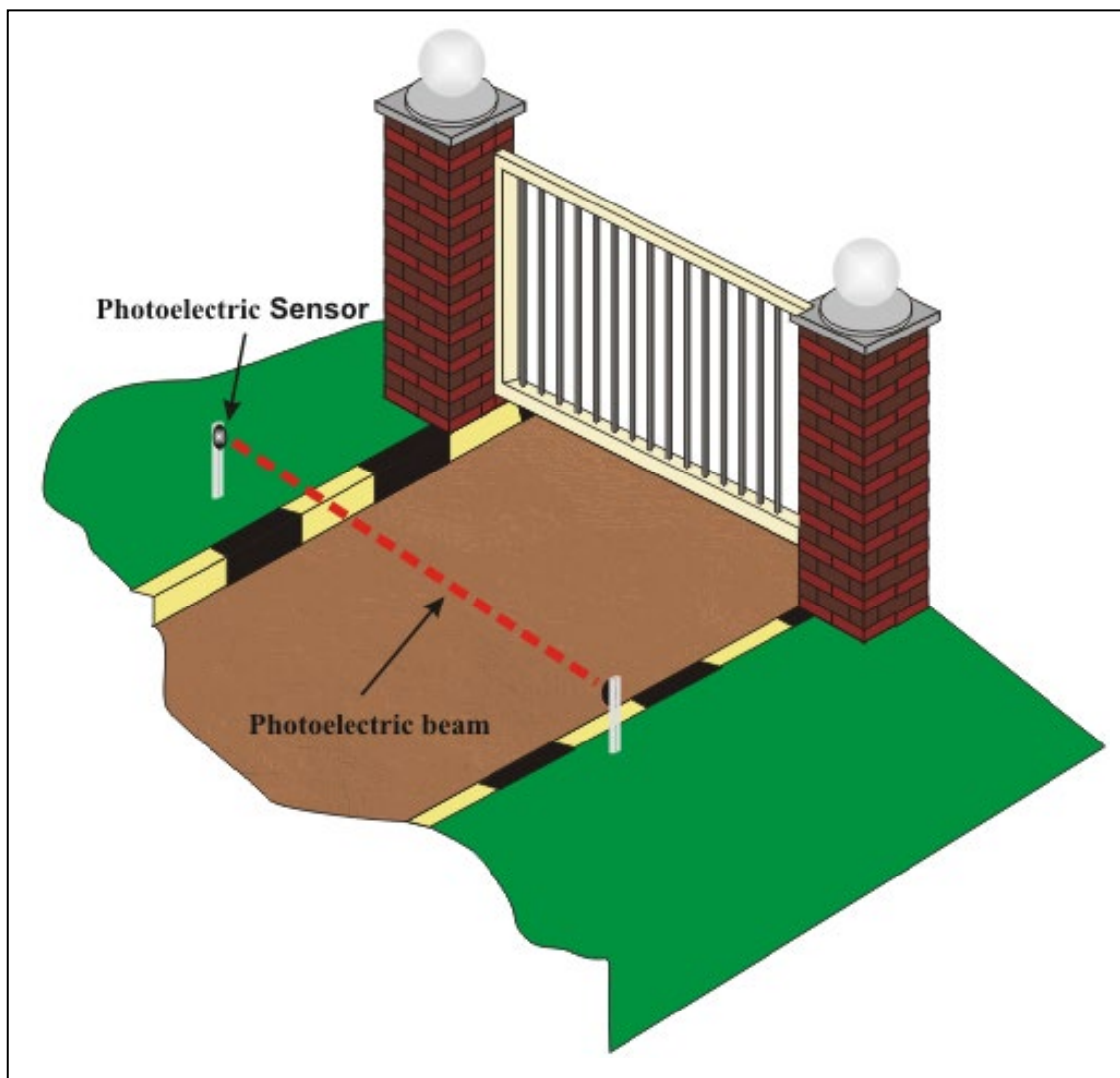


PE1500 Series Wiring Diagram (Normally Close)



PE1500 Parallel Wiring Diagram (Normally Open)



PE1500 Application**Manufactured by**

Elsema Pty Ltd
31 Tarlington Place, Smithfield
NSW 2164, Australia
Ph: 02 9609 4668
Website: <http://www.elsema.com>

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